

Atty.
Dkt. No.

M#

Client Ref.

0171810

#3

IPS

Applicant: HAIR et al

2-27-01
R. H. H. H.

10675 U.S. PTO
09/729853



**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Appln. No.: Div. of 09/261,221 filed March 3, 1999

Filing Date: December 6, 2000

Date: December 6, 2000

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Examiner: Lester

Group Art Unit: 2873

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>EPH</i>	AR 5,111,962 ✓	05/1992	Oden	221	1	21/AUG/89
<i>EPH</i>	BR 4,871,054 ✓	10/1989	Murray	194	212	25/AUG/88
<i>EPH</i>	CR 4,494,675 ✓	01/1985	Stutsman	221	13	01/Jun/82
<i>EPH</i>	DR 4,412,607 ✓	11/1983	Collins et al	194	216	18/MAR/82
<i>EPH</i>	ER 4,359,147 ✓	11/1982	Levasseur	194	200	06AUG/79
<i>EPH</i>	FR 4,252,250 ✓	01/1981	Toth	221	13	28/SEP/78
<i>EPH</i>	GR 5,346,466 ✓	09/1994	Yerlikaya et al	604	253	01/APR/92
<i>EPH</i>	HR 5,625,198 ✓	4/1997	Chigira	250	559.29	
<i>EPH</i>	IR 5,651,476 ✓	7/1997	Percy et al	221	131	
<i>EPH</i>	JR 5,927,539 ✓	4/1997	Truitt et al	221	194	
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
<i>EPH</i>	OR 9-326075	12/1997	Japan	Hashimoto	✓			✓
<i>EPH</i>	PR 2-257386	12/1997	Japan	Igarashi	✓			✓
	QR							
	RR							
	SR							
	TR							
	UR							
	VR							
	WR							
	XR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

YR								
ZR								
AAR								
BBR								
CCR								
DDR								

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Ed Lester

Date Considered:

8-8-02

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Date: August 13, 2001

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Group Art Unit: 2873

U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>EP2</i>	AR 5,303,844 ✓	04/1994	Muehlberger	221	1	
<i>EP2</i>	BR 3,537,091	10/1970	Schenkenberg	221	7	
	CR					
	DR					
	ER					
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	GR					
	HR					
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	JR					
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	LR					
	MR					
	NR					
	OR					
	PR					

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
	QR							
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	SR							
	TR							
	UR							
	VR							

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

<i>EP2</i>	WR	Sketch by inventors of conventional sensor (No Publication Date)
	XR	
	YR	
	ZR	
	AAF	
	BBF	

Examiner

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FORM PTO-1449 (modified)
To: U.S. Department of Commerce
(PM&S FORM PAT-1449)
Patent and Trademark Office

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Date: September 7, 2001

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Group Art Unit: 2873

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<i>ELH</i>	AR 6,064,921 ✓	05/2000	Pippin et al.	700	242	
<i>ELH</i>	BR 5,922,030 ✓	07/1999	Shank et al.	222	56	
<i>ELH</i>	CR 5,884,806 ✓	03/1999	Boyer et al.	222	75	
<i>ELH</i>	DR 5,847,389 ✓	12/1998	Mertins et al.	250	222.2	
<i>ELH</i>	ER 5,813,568 ✓	09/1998	Lowing	221	6	
<i>ELH</i>	FR 5,490,610 ✓	02/1996	Pearson	221	2	
<i>ELH</i>	GR 5,344,043 ✓	09/1994	Moulding et al.	221	71	
<i>ELH</i>	HR 5,280,845 ✓	01/1994	Leight	221	2	
<i>ELH</i>	IR 5,273,183 ✓	12/1993	Tuttobene	221	7	
<i>ELH</i>	JR 5,238,145 ✓	08/1993	Pippin	221	260	
<i>ELH</i>	KR 5,229,749 ✓	07/1993	Yenglin	340	568.8	
<i>ELH</i>	LR 5,207,784 ✓	05/1993	Schwartzendruber	221	6	
<i>ELH</i>	MR 5,201,429 ✓	04/1993	Hikosaka et al.	211	59.2	
<i>ELH</i>	NR 4,573,606 ✓	03/1986	Lewis et al.	221	2	
<i>ELH</i>	OR 4,776,487 ✓	10/1988	Kurosawa et al.	221	2	
<i>ELH</i>	PR 4,869,392 ✓	09/1989	Moulding Jr., et al.	221	1	

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available			
						Enclosed	No	Enclose	No
<i>ELH</i>	QR 432 996 A	12/1989	EP	Hopkins et al.	N/A				
	RR								
	SR								
	TR								
	UR								
	VR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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